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## Queen's University Belfast

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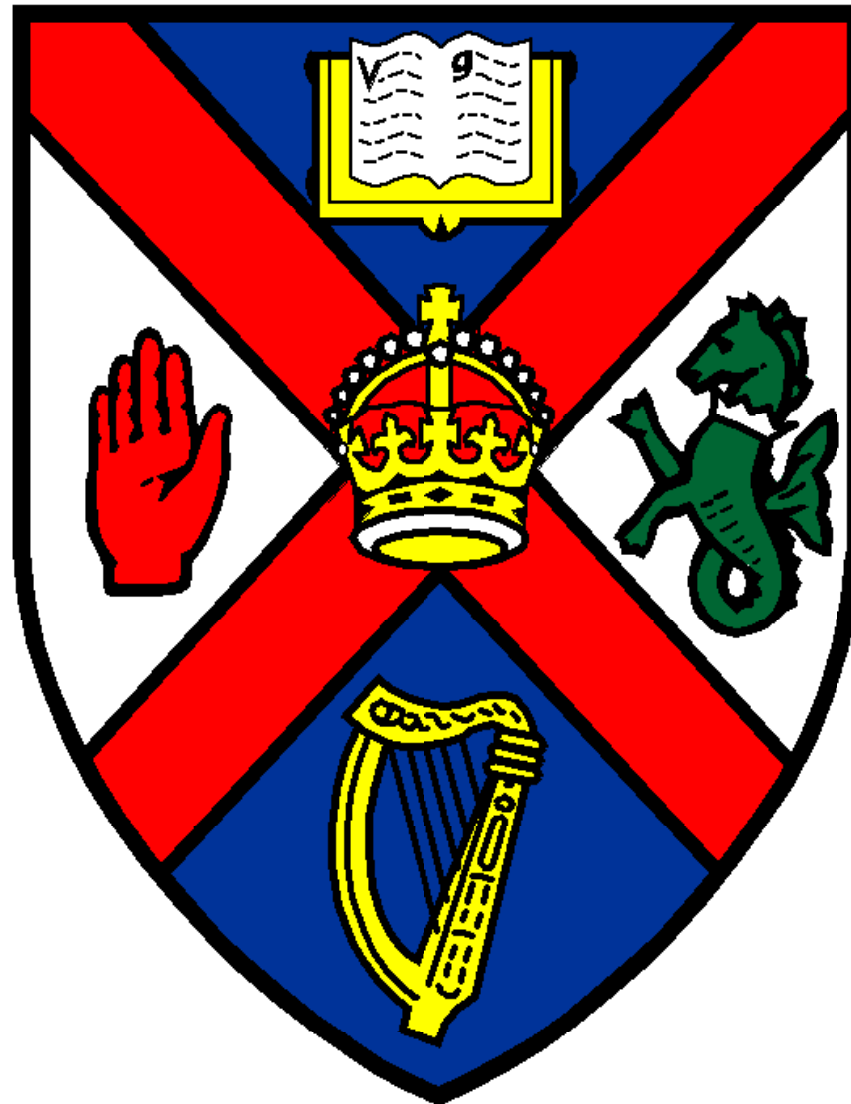
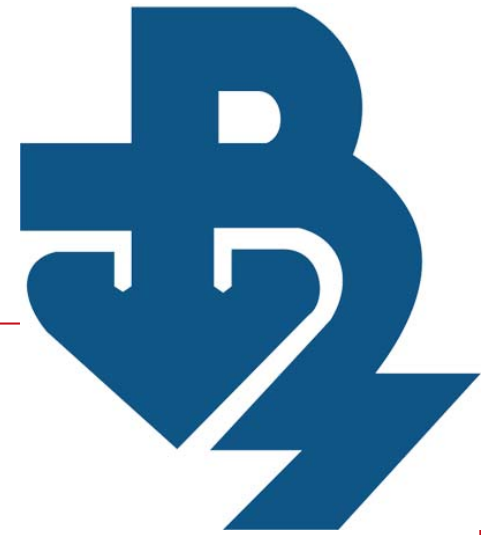
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Queen's University  
Belfast

# Queen's University Belfast

Crest; Coat of Arms; Emblem





# Queen's University Belfast Lanyon Building







# About Queen's University Belfast

A member of the Russell Group of 24 leading UK research-intensive universities

Ranked in the top 1% of universities throughout the world by the QS World University Rankings

17,000 students and 3,500 staff

Five prestigious Times Higher Education Awards

Over 80 of Northern Ireland's top 100 companies have Queen's graduates in senior leadership positions

# PhD projects in progress

## Supervised by Professor Wei Sha

- Microstructure, tribological and electrochemical corrosion behaviour of electroless Ni-P-SiC coatings on aluminium for cylinder liner applications
- The development of eco-friendly and cost-effective geopolymer concrete
- Sustainable design optimisation of single storey steel buildings
- Web crippling behaviour of cold-formed steel and stainless steel channel sections with web openings
- Microstructural characterisation of cementless geopolymer concrete